

Intermediate Data Analyst

We are a boutique web development and new media marketing company seeking talented **Intermediate Data Analyst** for our office.

We are looking for Intermediate Data Analyst with strong database and MySQL knowledge. This role is responsible for working within the billing team and will report to the COO. Key duties include managing and monitoring the operations of an in-house model for predicting critical business outcomes with high accuracy. This includes providing support for other members of the team as necessary to enhance the operation usage of the model.

Responsibilities:

- Operate our statistical models daily providing support and accountability for outcomes.
- Develop guidelines, standards, and processes for the further development and usage of our models.
- Optimize data structures for statistical analysis.
- Integrate data feeds from external partners (such as transaction feeds from credit card processors).
- Gather and analyze web site and financial performance data to prepare regular reports for the statistics team.
- Audit financial data for the purposes of reconciliation and risk monitoring.
- Analyze user behaviour to make proposals for improvements to the prediction and risk models.
- Assist with the formalization and documentation of departmental procedures.
- Use available data to assist the development team in troubleshooting software bugs.
- Conduct routine maintenance of databases and analysis tools.
- Working on accounting reports, sales reports, member value reports, and email reports.
- Design report visualizations (including charts and graphs).
- Structuring queries.
- Setting up highly technical systems.
- Processing data sources within rules on MySQL queries to arrange that data.
- Performing tests, validating all data flows and preparing all ETL processes according to business requirements.
- Working with the Manager in the development of data warehouse and all related extraction, transformation and load of data functions in the organization.
- Other duties as assigned.

Job Requirements:

- Relational database development, with a solid understanding of MySQL, database design, and optimization.

- ETL development
- Bash/Unix shell scripting
- API's
- Strong communication and teamwork abilities.
- Ability to manage timelines and prioritize effectively.
- Excellent math, logic, and problem-solving skills.
- Exception attention to detail.
- Strong understanding of financial risk models, actuary experience considered an asset.
- Node.js (Nice to have)
- 5 years+ of experience (Nice to have)